

U.S.S.N. 09/453,109
Filed: December 2, 1999
**AMENDMENT AND
RESPONSE TO OFFICE ACTION**

In the Claims

Amend
CI
Please amend the claims as follows:

- B*
1. (Twice amended) A device for collecting a sample of a biological fluid comprising:
one or more hollow or porous microneedles, each having a base end and a tip,
wherein the microneedle has a length between 500 μm and 1 mm and a width between about 1
 μm and 500 μm ;
a substrate to which the base of the microneedle is attached or integrated, wherein
the microneedle is perpendicular to or extends at an angle from a surface of the substrate; and
at least one collection chamber which is selectably in fluid communication with
the base end of the microneedle.